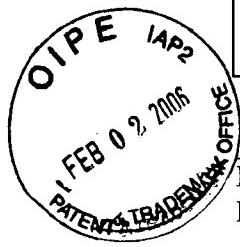


*IFW*

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to:  
MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450, on the date shown below.

Dated: 1-27-06 Signature: Maura A. Gallagher  
(Maura A. Gallagher)

Docket No.: BBNT-P01-265  
(PATENT)



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Brig B. Elliott

Application No.: 10/786314

Confirmation No.: 3449

Filed: February 26, 2004

Art Unit: 2131

For: SYSTEMS AND METHODS FOR  
RESERVING CRYPTOGRAPHIC KEY  
MATERIAL

Examiner: Not Yet Assigned

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

The following co-owned pending patent applications may include subject matter similar to that disclosed in this application. One or more office actions may have issued in these cases.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CLF/

| <u>Application No.</u> | <u>Title</u>   | <u>Filed</u>      | <u>Docket No.</u> |
|------------------------|--|-------------------|-------------------|
| 09/943709              | Systems And Methods For Path Set-Up In A Quantum Key Distribution Network                            | August 31, 2001   | BBNT-P01-139      |
| 09/944328              | Quantum Cryptographic Key Distribution Networks With Untrusted Switches                              | August 31, 2001   | BBNT-P01-134      |
| 10/197659              | Key Distribution Center For Quantum Cryptographic Key Distribution Networks                          | July 17, 2002     | BBNT-P01-164      |
| 10/218652              | Methods And Systems For Distributing A Group Key In A Quantum Cryptographic Key Distribution Network | August 14, 2002   | BBNT-P02-164      |
| 10/271103              | Systems And Methods For Framing Quantum Cryptographic Links  | October 15, 2002  | BBNT-P01-231      |
| 10/271150              | Quantum Cryptographic System With Photon Counting Detector   | October 15, 2002  | BBNT-P01-188      |
| 10/289192              | Systems And Methods For Implementing A Unified Framework For Quantum Cryptographic Protocols         | November 6, 2002  | BBNT-P01-189      |
| 10/325325              | Systems And Methods For Implementing Adaptive Quantum Cryptography                                   | December 18, 2002 | BBNT-P01-219      |
| 10/324040              | Key Transport In Quantum Cryptographic Networks  | December 20, 2002 | BBNT-P01-210      |
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| 10/384502              | Autoconfiguration Via Quantum Cryptographic Link Framing   | March 7, 2003     | BBNT-P01-209      |
| 10/394974              | Systems And Methods For Implementing A Sifting Protocol For Quantum Cryptography                     | March 21, 2003    | BBNT-P02-189      |
| 10/402120              | Quantum Cryptography Via Phase-Entangled Encoding  | March 28, 2003    | BBNT-P01-229      |
| 10/434248              | Quantum Cipher Key Distribution Via Phase-Entangled Encoding Of Key Symbols                          | May 7, 2003       | BBNT-P01-230      |
| 10/462292              | Automatic Control Of   | June 16, 2003     | BBNT-P01-240      |

| <u>Application No.</u> | <u>Title</u>  | <u>Filed</u>      | <u>Docket No.</u> |
|------------------------|---|-------------------|-------------------|
|                        | Quantum Key Distribution  |                   |                   |
| 10/462400              | Quantum Cryptography Based On Phase Entangled Photons   | June 16, 2003     | BBNT-P01-241      |
| 10/716078              | Systems And Methods For Implementing Path Length Control For Quantum Cryptographic Systems                    | November 18, 2003 | BBNT-P02-097      |
| 10/716747              | Systems And Methods For Implementing Training Frames For Quantum Cryptographic Links                          | November 18, 2003 | BBNT-P02-231      |
| 10/795313              | Quantum Cryptography With Multiparty Randomness   | March 9, 2004     | BBNT-P01-268      |
| 10/795398              | Simple Untrusted Network For Quantum Cryptography   | March 9, 2004     | BBNT-P01-259      |
| 10/797140              | Systems And Methods For Implementing Adaptive Training For Quantum Cryptography                               | March 11, 2004    | BBNT-P03-231      |
| 10/799177              | Systems And Methods For Implementing Routing Protocols And Algorithms For Quantum Cryptographic Key Transport | March 12, 2004    | BBNT-P01-015      |
| 10/800481              | Systems And Methods For Implementing An Error Detection And Correction Protocol For Quantum Cryptography      | March 15, 2004    | BBNT-P02-021      |
| 10/803509              | Systems And Methods For Quantum Cryptographic Key Transport   | March 18, 2004    | BBNT-P01-258      |

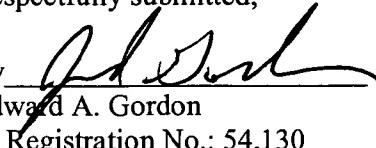
In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BBNT-P01-265. A duplicate copy of this paper is enclosed.

Dated: January 27, 2006

Respectfully submitted,

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|---------------------------------|---|----|---|------------------------|-------------------|
| Substitute for form 1449A/B/PTO |   |    |   | Complete If Known      |                   |
|                                 |   |    |   | Application Number     | 10/786314         |
|                                 |   |    |   | Filing Date            | February 26, 2004 |
|                                 |   |    |   | First Named Inventor   | Brig B. Elliott   |
|                                 |   |    |   | Art Unit               | 2131              |
|                                 |   |    |   | Examiner Name          | Not Yet Assigned  |
| Sheet                           | 1 | of | 4 | Attorney Docket Number | BBNT-P01-265      |

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|--------------------|----------------------|-----------------|------------|
| Examiner Signature | /Christian LaForgia/ | Date Considered | 06/06/2008 |
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CLF/

|   |   |    |   |                          |                   |
|---|---|----|---|--------------------------|-------------------|
| Substitute for form 1449A/B/PTO<br><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | <b>Complete If Known</b> |                   |
|   |   |    |   | Application Number       | 10/786314         |
|   |   |    |   | Filing Date              | February 26, 2004 |
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|   |   |    |   | Art Unit                 | 2131              |
|   |   |    |   | Examiner Name            | Not Yet Assigned  |
| Sheet   | 2 | of | 4 | Attorney Docket Number   | BBNT-P01-265      |

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|                                 |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |
|                                 |                       |   |                                |  | T <sup>6</sup>  |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                       |   |  |                 |            |
|---------------------------------|-----------------------|---|--|-----------------|------------|
| Examiner Initials               | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |                 |            |
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CLF/

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|                                 |   |    |   | Art Unit                 | 2131              |
|                                 |   |    |   | Examiner Name            | Not Yet Assigned  |
| Sheet                           | 3 | of | 4 | Attorney Docket Number   | BBNT-P01-265      |

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| Examiner Signature | /Christian LaForgia/  | Date Considered | 06/06/2008 |

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|                                 |   |    |   | Art Unit                 | 2131              |
|                                 |   |    |   | Examiner Name            | Not Yet Assigned  |
| Sheet                           | 4 | of | 4 | Attorney Docket Number   | BBNT-P01-265      |

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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